PATENT
Attorney Docket No. 127.0005-00000
Customer No. 22882

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:	)	
John I. Shipp	)	
Patent No. 7,678,125	)	(Serial No.: 10/706,715)
Issued: March 16, 2010	)	(Filed: November 12, 2003)
For: SURGICAL LIGATION CLIP	)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

CHANGE OF STATUS FROM SMALL ENTITY TO LARGE ENTITY UNDER 37 C.F.R. § 1.28

In the above-identified application, small entity status was established in good faith, although through error the Office was not officially notified of a loss of entitlement to small entity status. Large entity fees have been paid since September 14, 2007; however, the Issue Fee transmittal listed the application as small entity and the issue fee was inadvertently paid as such. Accordingly, the present submission serves to correct this error. The total amount of $755.00 to cover the deficiency in the issue fee is to be charged to Deposit Account No. 50-1068.

Accordingly, please update the Office records to indicate the loss of small entity status.

Please charge are any additional fees required to enter this paper to our Deposit Account No. 50-1068.

Respectfully submitted,

MARTIN & FERRARO, LLP

Dated: April 26, 2010

By: _____
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John I. Shipp	)	
Patent No.: 7,678,125	)	(Serial No.: 10/706,715)
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Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REQUEST FOR CERTIFICATE OF CORRECTION

Pursuant to 35 U.S.C. §§ 254 and 255 and 37 C.F.R. §§ 1.322 and 1.323, this is a request for the issuance of a Certificate of Correction in the above-identified patent. A copy of Form PTO/SB/44 is appended; the complete Certificate of Correction involves one (1) page.

The mistake identified in the appended Form to issued claims 1 and 31 (pending claims 1 and 36, respectively) are of a clerical or typographical nature, or of minor character, and resulted from an error made in good faith by Applicant.

The remaining mistakes identified in the appended Form occurred through the fault of the Patent Office, as clearly disclosed by the records of the application which matured into this patent, and as evidenced in the attached copies of the following documents:

1. Page 3 of the July 21, 2009 Amendment, showing the correct language of issued claims 2 and 4;
2. Pages 4 and 5 of the July 21, 2009 Amendment, showing the correct language of issued claims 16 and 18 (pending claims 12 and 14, respectively); and
3. Page 8 of the July 21, 2009 Amendment, showing the correct language of issued claim 32 (pending claim 38).

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The requisite fee of $100.00 as set forth in 37 C.F.R. § 1.20(a) to cover the costs of issuing this Certificate is to be charged to Deposit Account No. 50-1068.

Should any additional fees be needed, authorization is hereby given to charge any fees due in connection with the filing of this request to Deposit Account No. 50-1068.

Issuance of the Certificate of Correction containing the correction is earnestly requested.

Respectfully submitted,

MARTIN & FERRARO, LLP

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PTO/SB/44 (04-05)
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.	:	7,678,125
APPLICATION NO.	:	10/706,715
ISSUE DATE	:	March 16, 2010
INVENTOR(S)	:	John I. Shipp

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8:
Line 6: delete "equal" (second occurrence);
Line 26: change "dip" to -- clip --; and
Line 31: change "dip to – clip –.

Column 9:
Line 36: change "dip to – clip –.

Column 10:
Line 9: change "dip to – clip --;
Line 52: delete "to said" (second occurrence); and
Line 58: change "dip to -- clip --.

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equal to said maximum clip height, wherein said clip is formed of a single piece of wire having a substantially uniform thickness, said connector is formed of multiple coil windings of said single piece of wire, said coil windings of said connector have an interior and are unwound when moving said clip from a closed position to an open position, and said clip has a first free end and a second free end, each of said first and second free ends terminating proximate said proximal end, the first plane, the second plane, and the third plane are parallel to one another, at least one of said maximum width of said upper support member and said maximum width of said lower support member is greater than said maximum width of said connector, said distal end has a distal height parallel to said maximum clip height and said proximal end has a proximal width parallel to said maximum clip width, and each of said distal height and said proximal width is twice the thickness of said wire.

2. (previously presented) The clip of claim 1, wherein said wire has a maximum thickness less than or equal to 1.0 mm.

3. (currently amended) The clip of claim 1, wherein said connector is adapted to bias said upper and lower support members toward one another in ~~a~~ the closed position.

4. (currently amended) The clip of claim 1, wherein said connector is adapted to apply a force to said upper and lower support members to bias said upper and lower support members toward one another in ~~a~~ the closed position, the force being greater than that needed to move said upper and lower members into contact with one another.

Claim 5 (cancelled).

6. (currently amended) The clip of claim ~~5~~ 1, wherein said first end and said second end each terminate proximate said interior of said coil.

7. (original) The clip of claim 1, wherein said upper and lower support members each include a loop at said distal end.

8. (original) The clip of claim 1, wherein said upper and lower support members each have two parallel longitudinal members with a recess therebetween, said longitudinal members of said upper support member being adapted to generally overlie said longitudinal members of said lower members.

9. (original) The clip of claim 8, wherein said longitudinal members of at least one of said upper and lower members extend along a substantial portion of the length of said clip.

10. (original) The clip of claim 1, in combination with a clip applier for applying the clip to the fluid carrying structure.

11. (original) The clip of claim 10, wherein said clip applier includes a magazine adapted to hold a plurality of clips.

12. (currently amended) A surgical ligation clip for ligating a fluid carrying structure, said clip comprising:

a mid-longitudinal axis, a distal end, a proximal end opposite said distal end, a maximum clip length between said distal and proximal ends, a maximum clip height perpendicular to said maximum clip length, and a maximum clip width and a minimum clip width perpendicular to said maximum clip length and said maximum clip height, said maximum clip length being greater than twice said maximum clip height;

an upper support member oriented generally along the mid-longitudinal axis of said clip between said proximal and distal ends of said clip, said upper support member having a maximum width adjacent said distal end perpendicular to the mid-longitudinal axis in a first plane generally parallel to the mid-longitudinal axis, and having a width less than said maximum width thereof in the first plane over a majority of the length of said clip between said distal and proximal ends;

a lower support member opposite said upper support member in a vertical plane parallel to the mid-longitudinal axis, said lower support member being oriented generally along the mid-longitudinal axis of said clip between said

proximal and distal ends of said clip, said lower support member having a maximum width adjacent said distal end perpendicular to the mid-longitudinal axis in a second plane generally parallel to the mid-longitudinal axis, and having a width less than said maximum width thereof in the second plane over a majority of said clip between said distal and proximal ends; and

a connector at said proximal end of said clip joining said upper and lower support members, said connector having a maximum connector width and a minimum connector width, said maximum connector width and said minimum connector width both being perpendicular to the mid-longitudinal axis in a third plane generally parallel to the first and second planes and the mid-longitudinal axis, said minimum connector width is equal to said minimum clip width, wherein said clip is formed of a single piece of material having a substantially uniform thickness, ~~and has~~ with a first free end and a second free end, ~~each of said first and second free ends~~ terminating proximate said proximal end, and at least one of said free ends facing in a direction that is at least one of transverse to the mid-longitudinal axis of said clip and away from said proximal end of said clip, said connector is formed of multiple coil windings of said single piece of material, said coil windings of said connector have an interior and are unwound when moving said clip from a closed position to an open position, at least one of said maximum width of said upper support member and said maximum width of said lower support member is greater than said maximum width of said connector, said distal end has a distal height parallel to said maximum clip height and said proximal end has a proximal width parallel to said maximum clip width, and each of said distal height and said proximal width is twice the thickness of said material.

13. (original) The clip of claim 12, wherein at least one of said free ends faces a direction generally transverse to the mid-longitudinal axis of said clip.

14. (original) The clip of claim 12, wherein at least one of said free ends faces generally towards said distal end of said clip.

to said maximum clip height.

37. (new) The clip of claim 1, wherein said upper support member is connected to an upper portion of said connector and said lower support member is connected to a lower portion of said connector so that said coil windings are unwound when opening said clip.

38. (new) The clip of claim 12, wherein said upper support member is connected to an upper portion of said connector and said lower support member is connected to a lower portion of said connector so that said coil windings are unwound when opening said clip.